

WHAT IS CLAIMED IS:

1. A method for teaching expository writing comprising:
 selecting a theory of discourse analysis for teaching writing;
 segmenting a text into at least one text building units based on the
 5 selected theory of discourse;
 analyzing each text building unit according to the selected theory of
 discourse.
2. The method of claim 1, wherein the at least one text building units are
 combined into a structural representation of discourse consistent with the selected
 10 theory of discourse.
3. The method of claim 2, wherein the selected theory of discourse
 analysis is selected from the list of at least Discourse Structures Theory, Linguistic
 Discourse Model, Rhetorical Structure Theory, Systemic Functional Grammar and
 Tagmemics.
- 15 4. The method of claim 1, further comprising, displaying the segmented
 text.
5. The method of claim 1, further comprising, displaying the analyzed
 text.
6. The method of claim 2, further comprising, displaying the structural
 20 representation of discourse.
7. The method of claim 1, further comprising, identifying user designated
 important concepts in the text.
8. The method of claim 1, further comprising, generating a summary of
 text based on the selected theory of discourse.
- 25 9. The method of claim 8, further comprising, determining coverage of
 user designated important concepts.
10. The method of claim 9, wherein determining coverage compares user
 designated concepts to the summary.
11. The method of claim 3, wherein the structural representation of
 30 discourse is a tree, and wherein the segmenting is performed automatically and
 wherein the structural representation is displayed.
12. The method of claim 1, wherein the segmenting is performed
 automatically.

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recursively selecting each remaining child node;

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assigning to the subordinating node, the rank of the

assigning to the subordinated node, the rank of the

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selecting a summary level p for a structural representation of

walking the nodes of the tree in order of insertion up to the

displaying the nodes traversed.

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an input device;

a memory;

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a controller that selects a theory of discourse from the input

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17. The system of claim 16, further comprising a reviewing circuit that reviews the analyzed text building units for consistency with the selected theory of discourse.

18. The system of claim 16, further comprising a structural representation building circuit to create a structural representation of the text building units according to the selected theory of discourse.

5 19. The system of claim 16, further comprising a concept highlighting circuit to highlight user designated important concepts.

20. The system of claim 16, further comprising a summary generating circuit that generates a summary based on the selected theory of discourse.

10 21. The system of claim 20, wherein the summary generating circuit identifies the root node and assigns it a rank; recursively selects each remaining child node and for each child node that is a coordination node or a binary node, assigns each remaining child node the rank of the parent; for each child node that is a subordination node, assigns the rank of the parent to the subordinating node and the rank of the parent + 1 to the subordinated node.

15 22. The system of claim 20, further comprising a concept comparator circuit.

23. The system of claim 22, wherein the concept comparator circuit provides a ratio of words from the user designated important concepts that are identified in the summary.

20 24. The system of claim 18, wherein the structural representation is a tree structure.